

Nano-N3322

12th Gen Intel® Core™ Processor - MINI PC



FEATURES

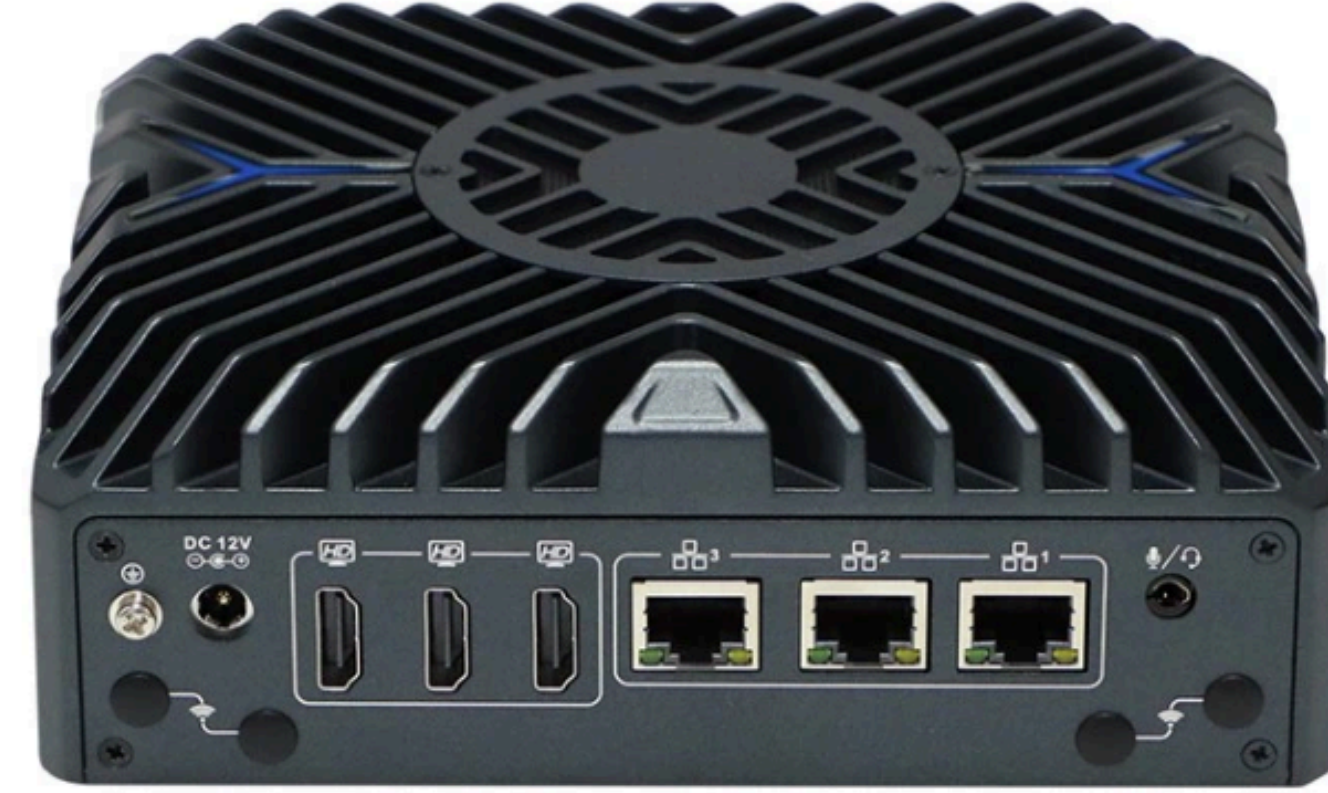
- All aluminum structure
- 12th Gen Intel® Core™ Processor
- Support synchronous / asynchronous 3 display, support 4K display
- Support WiFi and 4G/5G at the same time, 3 × M.2
- 2 × COM Ports (Support 2 × RS232/RS485 mode)
- DC 12V

SPECIFICATION

SYSTEM	
Processor	Intel® Core™ i3-1215U (6 core 8 threads, turbo. 4.4 GHz) Intel® Core™ i5-1235U (10 core 12 threads, turbo. 4.4 GHz) Intel® Core™ i7-1255U (10 core 12 threads, turbo. 4.7 GHz)
Memory	1 × DDR5 4800MHz SODIMM, Max. 32 GB
BIOS	AMI EFI BIOS
Display Chip	Intel® UHD Graphics
Display Port	3 × HDMI Support synchronous/asynchronous 3 display Max. Resolution 4096x2160@60Hz
Storage	1 × M.2 2280 1 × 2.5-inch HDD
Expansion	1 × M.2 2280 M-Key (NVME) 1 × M.2 3052 B-key (USB 3.0 signal, support 4G/5G), external SIM Card Slot 1 × M.2 2230 E-key (support WiFi and Bluetooth)
OS Support	Windows 10, Windows 11, Linux
Front I/O	1 × Power Button 4 × USB 3.1 1 × SIM Card Slot 2 × COM Ports (RS232/RS485 optional)
Rear I/O	1 × Audio Interface (2-in-1) 3 × HDMI 1 × DC-In 3 × Intel 2.5G LAN Ports 4 × Antenna Holes
Ethernet	3 × Intel i225-V 2.5G LAN Ports
Power	DC 12V
Other functions	Power-on, timed startup, network wake up, PXE startup, watchdog (level 0-255), TPM 2.0 security encryption
Application	Industrial Control, Industrial Automation, Robot, IoT gateway, Edge computing, MachineVision, AGV/ARM, etc.
ENVIRONMENT	
Operating Temperature	0°C ~ 40°C (Commercial HDD), -20°C ~ 50°C (Industrial SSD), surface air flow
Relative Humidity	5% ~ 95% (non-condensing)
Certification	CE, CCC, FCC Class A, RoHS
MECHANISM	
Dimension	170 × 140 × 58 mm
Net Weight	1.1 kg



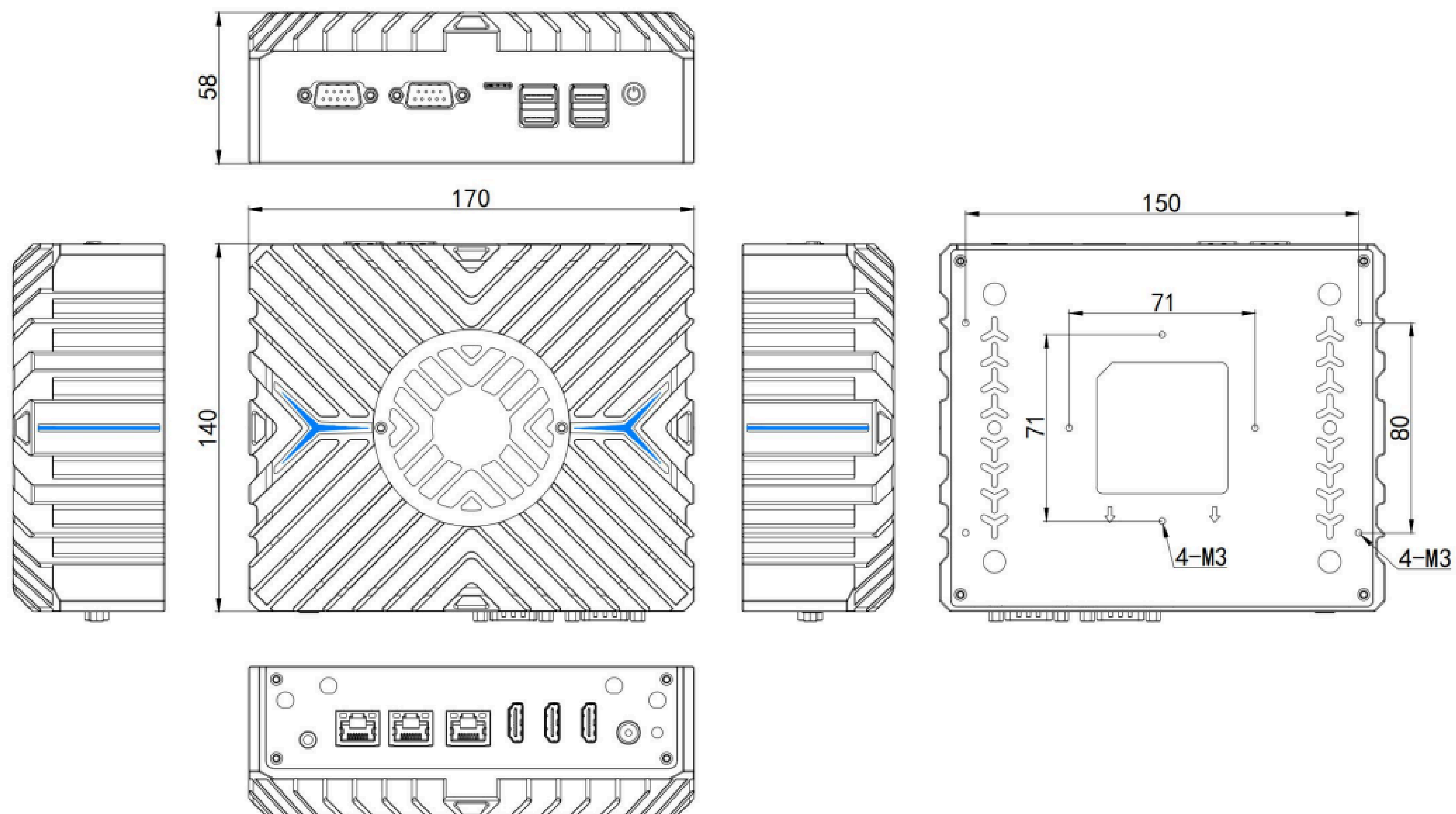
Front View



Rear View

DIMENSION

unit:mm



ORDER INFORMATION

Nano-N3322	CPU	Specification
Configuration 1	Intel® Core™ i3-1215U	Standard I/O
Configuration 2	Intel® Core™ i5-1235U	Standard I/O
Configuration 3	Intel® Core™ i7-1255U	Standard I/O

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	Recommend 12V 7.5A
Power Cord	1	CN, US, UK, EU etc.
VESA Bracket	1	Standard
Qualification	1	Neutral
Warranty Card	1	Neutral